Mountain Weather Forecast

Lake District National Park

Forecast valid from 00:00 on Friday 03 Feb 2023 until 23:59 on Saturday 04 Feb 2023

Forecast Issued on Thursday 02 Feb 2023 at 11:56

Confidence: High confidence for a cloudy start to the weekend with some rain and drizzle but exact amounts of cloud are hard to determine, high confidence for a more settled outlook towards the beginning of next week with high pressure building from the south.

Headline for Friday 03 Feb 2023: Remaining windy and cloudy with outbreaks of light rain or drizzle at times.

Mountain weather hazards on Friday 03 Feb 2023

Blizzards
No Likelihood

Gales
Low Likelihood

Thunderstorms
No Likelihood

Heavy persistent snow
No Likelihood

Severe chill effect
No Likelihood

Heavy persistent rain
No Likelihood

Storm force winds
No Likelihood

Poor visibility
Medium Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 800m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Fog	Fog	Drizzle	Light rain	Dull	Cloudy	Cloudy	Dull
Precipitation probability							
20%	20%	40%	40%	20%	20%	00%	20%

Forecast for Friday 03 Feb 2023

Weather: A dull morning with extensive cloud cover and periods of light rain and drizzle especially around western fells, best chance of a few periods of brighter conditions is over towards the eastern fells. Rain tending to die out in the early afternoon and cloud lifting with a few brighter periods by mid-afternoon. A dry evening but still quite cloudy.

Chance of cloud-free hill tops above 800m: 10%, low cloud associated with light rain, improving to 60% by late afternoon, still some low cloud lingering in the west.

Low cloud and visibility: Extensive low cloud layers above 3-400m in the morning, dull and hazy at low levels too with moderate visibility. Cloud will begin to lift and break from the west around late morning but scattered low cloud above 600m lingering through the afternoon and evening. Visibility will improve during the afternoon but extensive views are probably unlikely.

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Forecast for Friday 03 Feb 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	46/58 W	43/56 W	32/41 W	28/35 W	27/34 SW	23/29 W	23/29 W	22/27 SW	21/26 SW
600	35/48 W	35/49 W	25/35 W	21/29 SW	20/28 W	19/26 W	17/25 W	17/26 SW	15/23 SW
300	15/40 W	14/40 W	9/28 W	8/24 W	9/23 W	9/22 W	7/21 W	7/20 SW	6/19 W
Valley	14/34 W	12/31 W	8/22 W	9/21 W	8/20 SW	10/21 W	8/18 W	8/18 W	8/19 W

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	3/-4	4/-3	4/-2	4/-2	4/-2	3/-2	3/-3	3/-3	2/-3
600	5/-1	6/-0	6/0	6/1	6/1	5/0	5/0	4/0	4/-0
300	7/3	7/3	7/4	7/4	7/5	7/4	7/4	6/4	6/4
Valley	9/6	9/6	8/6	8/6	9/7	8/6	8/6	8/6	8/6
Freezing Level*	1900m	1700m	1700m	2000m	2100m	1600m	1300m	1300m	1400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Overnight westerly gales will ease a little during the day but winds remaining strong during the day. Feeling milder with freezing level above all summits but lowering a little later in the day. Still a significant winds chill on the higher fells with strong winds and patchy rain. **Due to a technical error the wind/temperature details can currently only be viewed in the printable pdf version of this forecast.**

Forecast for Saturday 04 Feb 2023

Weather: Cloudy with some mist and fog patches early in the day. A dry morning but rain spreading south during the afternoon, cloud clearing during the evening and feeling fresher.

Maximum wind: Southwesterly 15-20mph veering northwesterly later.

Chance of cloud-free hill tops above 800m: 60% falling to 40% in rain, improving 90% during the evening.

Low cloud and visibility: during the morning patchy or scattered cloud will shroud the fell tops at times with layers of cloud above 600m, the clearest tops will be around northern or eastern fells. Visibility will be good below the cloud but a little hazy at times. Later cloud will thicken and lower as rain spreads south and visibility will be poor for a time during the rain. By evening visibility will improve and cloud begin to clear.

Temperature: **Valleys:** Plus 8 – 9 Celsius.
At 800m: Plus 4 Celsius falling to 0 Celsius later.
Freezing level: Above the summits falling to 700m later in the evening.

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Mountain Weather Forecast

Ground Conditions Supplement

Date: Thursday 2 February 2023 Location: Helvellyn summit at 11:30. Full report: The freezing level was well above the Lake District summits today and the remaining isolated snow patches were wet and thawing. They are predominately to be found on N through E aspects above 850m in sheltered hollows and gullies. The fells are generally free of snow at all levels and the main hazards today were poor visibility, driving rain and 40mph gusts. However the exit slope to Swirral Edge is still an area of real concern especially in descent as it consists of a steep and unavoidable bank of deep snow above a large drop. This was soft and thawing today but any drop in temperature will quickly refreeze it giving serious and icy conditions especially where it has been compressed by walkers feet. Although only a short section this and similar locations, including Striding Edge, shouldn't be underestimated and spikes and an ice axe are still strongly recommended. The cornices above the east face of Helvellyn are still just about hanging in there but are thawing, slumping and potentially very unstable so please continue to give them a wide berth. Despite a lack of snow the weather conditions were still challenging and anyone heading up for an adventure should ensure they are well equipped with plenty of warm and waterproof clothing including hats and gloves, an appropriate and reliable method of navigation, headtorch, food and drink and some form of survival bag. Temperature: plus 3.5 C. Maximum wind speed 29.4 mph, Wind chill: minus 4.0 C, Average wind speed: 24.3 mph

Issued at: 1156 on Thu 02 Feb 2023

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